

Need MAR, MAY, June
THEN RVN - OCT, Dec

— = Polednac
— = KANTZ

ROBERT B. COOPER

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01 December 1993:

Sept

FEB, Dec, MAR, MAY, June,

Will need FEB, APR, MAY,

FEB

Need June

Publications Sought:

RADIO NEWS/(later) RADIO TV NEWS: 1935 (all); 1936 (all); 1937 (all); 1938 (all) 1939 (all BUT Dec); 1940 (all BUT Jan, Mar, Apr, May, Aug); 1941 (all BUT Feb, Apr, July, Aug, Sept, Oct.); 1942 (all); 1943 (all BUT Feb, Mar, Aug); 1944 (all BUT Oct, Dec); 1945 (need ONLY Jan, Dec.); 1946 (need ONLY Mar, Apr, May, Jun, Jly, Aug, Nov.); 1947 (need ONLY Jan, Aug); 1948 (all); 1954 (need ONLY Aug, Nov).

SHORTWAVE CRAFT: 1934 (all BUT Mar, Apr, Aug); 1935 (all); 1936 (all); 1937 (all BUT Jan); 1938 (all BUT Mar); 1939 (all); 1940 (all).

TELEVISER: 1946 AND PRIOR - all; 1947 (need Mar/Apr, July/Aug, Nov/Dec.); 1948 (all); 1949 (all BUT June); 1950 (all BUT Sep, Oct, Nov.); 1951 and after - all.

RADIO NEWS & SHORTWAVE RADIO: 1934 (all BUT Dec); 1935 (all BUT Aug); 1936 (all BUT June, Nov); 1937-1942 - ALL.

RADIO CRAFT/(later) RADIO ELECTRONICS: 1940 (all); 1941 (all); 1942 (all); 1943 (all); 1944 (all); 1945 (all); 1946 (all BUT May, Oct); 1947 (need ONLY Jan); 1948 (need ONLY May, June, Sep, Oct); THENCE Radio Electronics: 1949 (need all BUT Oct, Nov, Dec); 1950 (need ONLY Sept); 1952 (need ONLY July); 1953 (need ONLY June, Sept); 1954 (need ONLY Apr, July, Aug, Dec); 1955 (need ONLY Aug, Oct); 1956 (need ONLY Jan, May, Jun, July, Sept, Oct, Dec); 1957 (need ONLY Jan, Apr, May, Sept, Oct); 1958 (need only Jan, Mar, July, Nov); 1959 (need ONLY Feb, Mar, May, Oct, Nov, Dec).

COOP'S SATELLITE DIGEST: 1980 (need ONLY November); 1984 (need ONLY Oct); 1985 (need ONLY Feb, Oct, Nov, Dec).

PROCEEDINGS IRE/(IEEE): Sept 1930, October 1931, December 1933, November 1934, March 1936.

RADIO: Specifically January 1936, April 1940, December 1940 and April 1941 but any other issues also sought.

FM: All issues.

Television Engineering Magazine: Bryan Davis Pub. Co.; ALL issues.

RCA REVIEW: ALL between 1935 and 1946

Radio Distribution and Maintenance: ALL issues

POPULAR MECHANICS: need April 1950, all 1951 issues

TV GUIDE: October 24-31 1960 issue

Reference Book(s):

Electronic Television (1936 publish date)

Better TV Reception (Editors & Engineers, \$1950)

Television - Medium Of The Future (MacMillan Co., \$1950)

The Future of Television, Orrin E. Dunlop, Jr., Harper & Bros.

Jerrold Electronics Catalog #149 'MUL-TV Antenna Systems,' 8 pages

Theme and Variations (FM Reception Guide; 1960), Apparatus Development Co.

TELEVISION - A Collection of Papers in RCA Review (1947)

1904-1905

1904-1905

1904-1905

1904-1905

1904-1905

1904-1905

1904-1905

1904-1905

NOTES:

I have a United States (California) 'ship-to address' for UPS/postal and will pay in US funds drawn on a US bank. Material is being gathered for historical reference book on development of FM and television broadcasting.

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01 December 1993:

I am a historian working on a unique slant covering the creation and development of television and FM (radio) broadcasting in the world. I do NOT routinely collect out of production equipment but appreciate that many do. The list that follows are to me examples of 'new technology' or 'refined technology' items which I do wish to collect as a part of my historical perspective on the development of the technology. Please note:

- a) These items will go into a privately funded museum and need to be:
 - 1) In good cosmetic condition
 - 2) Be in working order when shipped
 - 3) When and where possible, include any instruction/consumer provided information (booklets, pamphlets) as well
- b) We provide a California (USA) 'ship-to' address relieving you of out of country shipment headaches.
- c) We pay on a US bank in US funds and have no problem with your waiting for the check to clear.
- d) Here in New Zealand I do have access to some 1930s/1940s/1950s New Zealand, Australian and British made radio receivers. I am not engaged in this as a hobby and do not have the expertise of a collector or a 'nose' for rare or unusual sets. However, if you would prefer a 'swap' of your equipment for a category of New Zealand/Australian/British radio receiving set in lieu of cash, I will attempt to accomodate.
- e) In the attached list several different products are listed in some categories (i.e., TV Boosters) of which once a (small) representative sample have been acquired, no more will be required.

— is Kent3

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ITEMS SOUGHT FOR HISTORICAL RESEARCH:

ANTENNA ROTORS: (Require only examples, not complete list)

- ALLIANCE ATR — VONT45
- ALLIANCE DIR
- ALLIANCE HIR
- Koenig (Kansas City, Mo.) Tele-Beam
- Amphenol Auto-Dial

FIELD STRENGTH METERS:

- Approved Electronics A-460
- Federated Purchaser TRANSVISION FSM-1

SWITCHES:

- Workshop Associates R4-A (4 position F connector switch)
- Vee-D-X 3 position 300 ohm switch

FM TUNERS/RECEIVERS:

- ANY built for FM 44(+) MHz band (pre WW2, during WW2)
- General Electric XFM-1 (also called a 'translator')
- General Electric J.F.M.-90
- Heathkit tuner kit: This was their first one, introduced in April-May 1949. It had slide rule FM band dial; 110vac p/s, optional mahogany cabinet. May have been called PT-1.

#30

- Meissner 8C (1949) and 9A (1950)
- Edwards (through Lafayette Radio) Fideletuner (audio output)
- Browning Labs RV-10 (1948)
- Radio Craftsmen RC-8 (1948) and subsequent models (RC-10)
- National NC-108 dedicated FM band receiver
- Police Alarm FM receivers (PR-30, PR-31, M51, PR-7)

UHF SET TOP CONVERTERS:

Prior to TV tuners having UHF built-in, UHF was received with through a separate set-top converter, or by changing a 'channel strip' in a VHF (turret) tuner. Typical set-top converters had 6AF4A + 6BQ7A/6BK7 IF tubes and a diode mixer (1N72/82, Raytheon CK710).

- Alliance C2-AC80
- Aerco Sales (Brooklyn, New York; 1949) 'UHF Converter'
- Astatic CB-1 (also was VHF booster, same box)
- Blonder Tongue BTU and later models such as BTU-2S
- David Bogen UCT

**** Bogen also had a UHF set-top UHF BOOSTER with 6AN4 tubes; need one of these as well.**

- Allen D. Cardwell ES-1
- Crosley Ultra Tuner

**** ElectroVoice had model 3400 which was a UHF set-top signal pre-amplifier/booster, not a converter with pair of 6AJ4s. Looking for one of these.**

- General Electric UHF 101 ('Translator')
- UHF-103

- Granco LCU and MTU
- IDEA/Regency RC-600, RC-35

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Jerrold any models prior to 1960

Kingston (** Kingston in dark colored plastic box had long slide rule dial numbered 4(.5) to 8; Kingston Products Corp., Kokomo, Indiana. This is particularly sought.

P.R. Mallory TV101 (Inductuner)

RCA U70, U2, U2A plus U1A and U1B that fit into TV set proper
Radio Receptor C1709P

Sutton Electric 22B (also had VHF booster built-in)

Transvision UHF-1 (single channel fixed tune model)

Turner Co. TV3

Vision Electric C232 (Savoy), C222 (Navarre)

Walsco 2000 (Imperial)

NOTES: UHF tubes, new, including 6AB4, 6AF4, 6AF4A, 6AJ4, 6AK5(w), 6AN4, 6BK7(a), 6BQ7(a), 6DJ8/6922, 6CB6, 6J6, 12AT7(a), 12AV7(a), also sought in small quantities.

TV RECEIVERS:

National Radio:

TV-7M

TV10W

Videometer (combined field strength meter and TV set)

Hallicrafters:

T506

T504

T54

RADIO CRAFTSMEN:

RC100 designed for fringe area TV reception, had 10 dB gain
'boost' switch

HEATH:

7" kit advertised one time (April 1950) only.

Pilot:

Candid TV, 3" portable (December 1948)

Raytheon:

Voyager 7" AC/DC portable (October 1949)

TV(FM) Signal Boosters:

- a) ANY pre-1946 TV boosters (they tuned channels typically marked 1-6 only; covered only 40-90 MHz at most). Manufacturers included Maryland Booster brand (typically used single 6AK5).
- b) Only a SMALL sample of the following required. Those that are bold face are for my purposes most desired.

ALLIANCE/ 'AB' (Tenna Scope; in the same sloping plastic brown cabinet as their first antenna rotor controls, turret tuner) (6J6 x 2),
Cascamatic BB (6J6 x 2, 6BK7A)

ANCHOR/ ARC-101-50/101-75 (6AK5) 1949; ARC-101-100 (6AK5 x2) 1950

ASTATIC/ AT-1 (6AK5 x 4; variable gain control, aka Channel Chief),

BT-1, BT-2 (6AK5), CT-1 (6BQ7A, 6J6)

APPROVED ELECTRONIC INSTRUMENTS CORP./ A-TVB (6J6 x 2), B-VHF (6AF4 x2)

(David) BOGEN/ BB1 (A, B), BB2 (6J6 x 2); BIB-1, AMB-1 (6J6 x 4)

BLONDER TONGUE LABS/ HA-1 'Antensifier' (6J6 x 4), AB-1 (antenna mounting), HA-2M (6J6 x 3, 12AV7), HA-3 (6J6 x 3), CA-1 (6J6 x 2,

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6BQ7 x 2), CS1-* (* = channel #; 6AB4, 6CB6)
BRACH MFG. CORP./ 50825 (6AK5, 6CB6), 01630 (6J6 x 3, 12AT7)
DECI-METER INC. (Denver)/ 'Professional' (6J6 x 4)
ELECTRO ENGINEERING & MFG./ TVD-8 (6J6 x 8 with 8 outlets for use in TV display floors)
ELECTROVOICE/ 3000 (6J6 x 4), 3002 (6BK7 x 2), 3010 (6J6 x 4), 3012 (6BK7 x 2)
I.D.E.A.-REGENCY/ DB213, DB400 (6J6 x 2), DB410, DB520 (6J6)
INDUSTRIAL TELEVISION (NJ)/ IT-75A, IT-90A(B), IT-96A(B), IT-102A
JERROLD (Electronics)/ TV-FM (1949), INTENNA (rabbit ears with booster in base), Match-A-Thon (possibly booster/antenna selection switch)
JFD MFG. CO. / VB-*, SW-* (* = ch. #), EC4 (6BQ7 x 2)
La POINTE PLASCOMOLD CORP./ Vee-D-X Outboard (6J6, sng. ch.), Vee-D-X Rocket (6J6, sng. ch.)
MARK SIMPSON MFG. CO./ Sky Chief (6J6 x 2), Super Sky Chief (6J6 x 4)
MASCO ELECTRONICS/ Sky Chief (6J6 x 2), Super Sky Chief (6J6 x 4)
(James) MILLEN/ R9er (single channel by order)
NATIONAL RADIO CO./ TVB (1), (6AK5 x 2, 300 or 75 ohm) pre-1950; TVB-2 (6AK5) used TV turret tuner for tuning (1950).
OAK ELECTRONICS (Buffalo)/ 'Oak' (6AK5, 6AG5)
RADIART CORP./TVB-1 (6J6)
RCA/ Antennaplex product line covering single channel VHF (TV) amplifiers (outdoor) and strip-type (indoor) for use with MATV/master antenna television systems.
RMS/RADIO MERCHANDISE SALES CO./ SP-5 (6AK5), SP-6 (6AK5), SP6J (6J6)
SKL LABS INC. (Boston)/ 212TV (rack mounting 52/72/93 ohms in/out)
SONIC INDUSTRIES/ IT3 (aka Super Sonic) (6J6)
STANDARD COIL/ B-50, B-51 (aka The Standard Booster) (6AK5)
SUTTON ELECTRIC (Lexington, Ky.)/ 16B (6J6), 5A (6J6), SEC (6AF4, 6J6 combined VHF booster with UHF converter)
TECH-MASTER PRODUCTS CO./ TVB (6AK5), 1628 (6AK5)
TECHNICAL APPLIANCE CORP.(TACO)/ 1628 (6AK5)
Tel-A-Ray (Henderson, Ky.)/ TB-* (* = ch. #) (6J6). This was antenna mounting preamp usually sold with Tel-A-Ray antenna.
TRANSVISION/ B-1 (1948 in single, two knob versions)
TURNER COMPANY (Cedar Rapids)/ TV1 (12AT7), TV-2 (12AT7)
VIDEON ELECTRONICS CORP. (Indianapolis)/ B-132, B-133, B-222 (6J6)
VISION RESEARCH LABS/ Tele-FM (pre-amp), 1948
WINEGARD/ Powertron (antenna mounted circa 1960, 6DJ8/6922)

(Early) MATV/MASTER TV ANTENNA UNITS:

Typical brand names will be SKL (model 212TV amplifier using 6 x 6AK5s), Jerrold ABC213 using 6BQ7 and 6CB6, Philco, RCA (Antennaplex), (International) Telemeter (California), and LynMar Engineers. In the store-MATV field, ElectroVoice had a 3100 amplifier with 4 outputs, Blonder Tongue had an MA4-1 mixer-amplifier for TV signals plus various 'CA' and 'HA' series units; DA2-1 to DA2-8 master antenna amplifiers. Technical Appliance Corporation (TACO) had a TacoPlex system series of units; all sought.

Errata:

Any data sheets, catalogs, other consumer or service literature covering any of the items or categories of items.

